

Dear

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Editorial board of the Journal Informacije MIDEM chose you to act as a reviewer of the sent article. Based on your judgement the board will decide whether to publish or refuse the contribution. Please, return the form giving also written opinion about the contribution.

We are expecting your answer within 14 days.

Uredništvo revije " Informacije MIDEM " Vas je izbralo za recenzenta priloženega prispevka. Na osnovi Vašega mnenja se bo uredništvo odločilo za objavo ali zavrnitev prispevka. Prosim, poleg obrazca podajte tudi pismeno mnenje o prispevku.
PROSIM ZA STROKOVNO RECENZIJO ČLANKA V ROKU 14 DNI PO PREJETJU.

Author :	Title :
Bing Hou, Zhiyu Wang, Junli Chen, Faxin Yu, Wenbo Wang	A 11mW 2.4GHz 0.18 μ m CMOS Transceivers for Short-Range Communications

Ljubljana :

Editor-in-chief
 Marko Topič:

REVIEW POINTS
(MERILA ZA RECENZIJO)

	YES	NO	Partially
Is the contribution content appropriate for publishing? <i>Ali je prispevek dovolj tehten in vsebinsko primeren za objavo ?</i>		X	
Is the content on the appropriate scientific level? <i>Ali je vsebina na ustrezni znanstveno strokovni ravni ?</i>		X	
Has the contribution been published in the same or similar form before ? where? <i>Ali je bil material že objavljen v takšni ali podobni obliki ? Kje ?</i>			X
Is the contribution prepared according to instructions for authors? <i>Ali je prispevek napisan in opremljen v skladu z navodili za avtorje ?</i>			X
Is data reliable and documents the findings appropriately ? <i>Ali so podatki zanesljivi in zadostno dokumentirajo ugotovitve ?</i>		X	

REVIEWER'S EXPLANATION :

OBRAZLOŽITEV RECENZENTA :

There are several grammar mistakes.
Why do you need class E for OOK and FSK?
The stated receiver sensitivity of -60dBm does not make sense.
Fig.1 OOK is not implemented, there is no image rejection in the RX.
A single-ended LNA is quite sensitive to on-chip crosstalk.
Fig.6 does not match the corresponding text.
Fig.10 5mVpp noise and $K_{vco}=120\text{MHz/V}$ produces a deviation of $\Delta f=600\text{kHz}$ that is not visible on Fig.13/14.
Fig.11 does not correspond to the complexity of the proposal.
The receiver does not have a demodulator nor AGC?

SUGGESTIONS TO THE EDITORIAL BOARD:

PREDLOGI UREDNIŠTVU :

- ◇ The contribution can be accepted as original scientific work (prispevek lahko sprejmete kot izvirno znanstveno delo)
- ◇ The contribution can be accepted as professional work (prispevek lahko sprejmete kot strokovno delo)
- ◇ The contribution can be accepted as an overview work (prispevek lahko sprejmete kot pregledno delo)
- ◇ The contribution can be accepted after corrections (prispevek lahko sprejmete po popravkih)
- ◇ **the contribution is to be rejected (prispevek zavrnite)**

Reviewer (<i>Recenzijo opravil</i>)	Date (<i>datum</i>) :
Matjaž Vidmar	29.08.2016